



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit
P0039300	ACI001-VC	1	1	Net 30	M8061T6B0.500X04.500	6061T6 Bar 0.500 X 4.500 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12	3/19/2018	12		S052862	Stock	3/19/2018	\$ 9.58 / ft
		5			MT-1144-R2.000	1144 Steel Proof Round Bar 2.000" AISI 1144 STRESSPROOF STEEL ROUND BAR ASTM A311 OR UNS G11440				20		20		S052863	Stock	3/19/2018	\$ 15.59 / ft
		12			M1018B2.000X02.500	1010-1025 Steel Bar 2.000 X 2.500 : MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft				12		13		S052586	Stock	3/19/2018	\$ 26.68 / ft
		13			MT-4140-R0.500	4140 Steel Round Bar 0.500" : AISI 4140 ROUND BAR AS PER ASTM A29/AMS 6349/AMS 6382/AMS 6529 MIN: ROCKWELL C = 20 RC MAX: ROCKWELL C = 38 RC receive ft				20		24		S052587	Stock	3/19/2018	\$ 2.40 / ft
Total:										64		69					

*received earlier today*

Plex 3/19/2018 4:09 PM Dart, Dubois, Pascal



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO039300**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** PO039300

**PO Date:** 3/13/18

**Due Date:** 3/19/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:** QUOTE NO. SOU0091255, SOU0089404,  
SOU0090963, SOU0089881, SOU0089730

**E-MAILED**  
MAR 14 2018

## Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M6061T6B0.500X04.500		6061T6 Bar 0.500 X 4.500 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/19/18	12 ft	0 ft	12 ft	\$9.58333/ft	\$115.00
2	M2024T3S0.160		2024-T3 .160 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf	Firmed	3/19/18	48 sf	0 sf	48 sf	\$26.190833/sf	\$1,257.16
3	M6061T6S4.500X12.000		6061T6 sheet 4.500 X 12.000 (Cut to 20.000") : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/19/18	1.67 ft	0 ft	2 ft	\$331.76047/ft	\$554.04

Line Item Note 1 PCS CUT AT 20" LONG

3/14/2018

## PURCHASE ORDER

Items											
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price	
4	MT-4140-B-1.250X6.000		AISI 4140 Steel Bar : Material: AISI 4140 STEEL BAR AS PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MIN. ROCKWELL C = 28 RC MAX. ROCKWELL C = 32 RC	Firmed	3/28/18	10 ft	0 ft	10 ft	\$63.905/ft	\$689.05	
5	MT-1144-R2.000		1144 Steel Proof Round Bar 2.000" AISI 1144 STRESSPROOF STEEL ROUND BAR ASTM A311 OR UNS G11440	Firmed	3/19/18	20 ft	0 ft	20 ft	\$15.5875/ft	\$311.75	
6	MT-A513-T-1.125W0.188		A513 Seamless Alloy Steel Round Tubing 1.25"dia. x 0.188" Wall	Firmed	3/19/18	20 ft	0 ft	20 ft	\$7.25/ft	\$145.00	
7	M6061T6TS1.000W.120		6061T6 Sq Tube 1.00 X 1.00 X .120W : MATERIAL: 6061-T6 OR 6061- T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft	Firmed	3/19/18	40 ft	0 ft	40 ft	\$1.69025/ft	\$67.61	
8	M6061T6TS1.250W.120		6061T6 Sq Tube 1.250 X 1.250 X .120W : MATERIAL: 6061-T6 OR 6061- T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft	Firmed	3/19/18	40 ft	0 ft	40 ft	\$3.7225/ft	\$148.90	
9	MT-4140-S-1.000X10.000		AISI 4140 Steel Sheet/Plate AISI 4140/4142 STEEL SHEET OR PLATE AS PER ASTM A829/ AMS 6395	Firmed	3/28/18	6 ft	0 ft	6 ft	\$94.95333/ft	\$569.72	

Plex 3/14/18 7:28 AM dart.lavoie.chantal

3/14/2018

## PURCHASE ORDER

Items											Unit		Extended	
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Price (CAD)	Price				
10	M6061T6B1.000X3.000		6061T6 Bar 1.000 X 3.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/19/18	12 ft	0 ft	12 ft	\$11.499166/ft	\$137.99				
11	Mt-4140-S-1.500X3.000		4140 Steel Bar 1.500 X 3.000 : AISI 4140N STEEL SHEET OR PLATE AS PER ASTM A829 OR AMS 6395 MIN: ROCKWELL C = 28 RC MAX: ROCKWELL C = 32 RC receive ft	Firmed	3/28/18	6 ft	0 ft	6 ft	\$87.50/ft	\$525.00				
12	M1018B2.000X02.500		1010-1025 Steel Bar 2.000 X 2.500 : MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft	Firmed	3/19/18	12 ft	0 ft	12 ft	\$26.681666/ft	\$320.18				
13	MT-4140-R0.500		4140 Steel Round Bar 0.500" : AISI 4140 ROUND BAR AS PER ASTM A29/AMS 6349/AMS 6382/AMS 6529 MIN: ROCKWELL C = 20 RC MAX: ROCKWELL C = 38 RC receive ft	Firmed	3/19/18	20 ft	0 ft	20 ft	\$2.4045/ft	\$48.09				
Grand Total:										\$4,889.49				

## Order Notes

Procurement Quality Clauses  
 A005 right of entry  
 A012 chemical and physical test report  
 A016 personnel qualification  
 A017 raw material identification (as applicable)  
 A026 certification of material conformance  
 A041 quality management system  
 A042 dart notification by supplier  
 A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 3/14/18 7:28 AM dart.lavoie.chantal



## DELIVERY - CLIENT

Copy CO00078601

### ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2018/03/14

Delivery date

2018/03/19

Your order N°

039300

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

### Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Shipped to

, Ontario,

Instruction F-M

Att : CHANTAL LAVOIE Tél.: 613-632-5200  
Delivery Route 5

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 TUBE MEC 1.125 OD X .188 (R) <sup>1/20</sup> TME-1125188 6523 1 X 20' HEAT: C357969 AC14334-MM-15/03	37.62	20.00	PL_\$CPI		1X 20'1"	1X 20'1"					
2 ROUND STRESSPROOF 2 (R) * RST-2 5810 1 X 20' R/L HEAT : 014162	213.60	20.00	PL_\$CLB		1X 20'1"		22'				

### Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 251.22

NIR : R-109516-6

Prepared By :

Verified By :

Delivered By : Time

Total (\$CAD)

Customer's Signature

Date



**ACIER OUELLETTE INC.**

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

**DELIVERY - CLIENT**

**Copy** CO00078672

**Customer N°** CLI0001056  
**Date** 2018/03/14  
**Delivery date** 2018/03/16  
**Your order N°** 039300  
**Processed by** Josianne Bourdon  
**Salesman**  
**Carrier** OUELLETTE VALLEYFIELD  
**Credit Terme** Net 30 Days  
**Page** 1

**Shipped to**

**Billed to**  
DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

**Delivery Route** 5

**Instruction** F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
1 FLAT ALU 1/2 X 4 1/2 6061-T6 NS FAL-12412 1 X 12' HEAT: 201606588 AC14355-RY-15/03	31.72	12.00	PI_\$CLB		1 X 12'		12		MAR 19 2018 OAS 11 9-49

**Conditions :**  
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

**Total Weight (Lbs) :** 31.72

**NIR : R-109516-6**

Prepared By :	Verified By :	Delivered By :	Date : 180319
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**Total (\$CAD)**

Customer's Signature



Service Center Metals

5850 Quality Way

Prince George, VA 23875

Can Do.

# CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
261452	4

MANIFEST NUMBER	DATE OF SHIPMENT
294083	5/4/2016
CUSTOMER PO	SALESPERSON
779543	D. Schroeder (Canada)
CUSTOMER PART NUMBER	DESCRIPTION
51315794	SCRB .500 x 4.500

CERTIFICATION
ASTM-B221-14 StencilCont
SPECIFICATION
AMS-QQA-200/8 - 1997

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

## Mechanical Properties

Tests		Lot No.		Test Date		Ultimate Tensile Strength (KSI)		Yield Strength (KSI)		Percent Elongation	
3	201606588			4/11/16		min	max	min	max	min	max
						44.80	45.60	42.70	43.00	12.75	18.00

## Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Total	Melt Source:
2M160330Y	201606588	6061	0.62	0.31	0.20	0.08	0.87	0.07	0.02	0.02	97.81	0.05	0.15	United States of America
2M160407C	201606588	6061	0.63	0.23	0.19	0.08	0.85	0.06	0.02	0.02	97.91	0.05	0.15	United States of America

SCM extrusions are manufactured in the USA.

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 5/4/2016

Rev. 9/23/11 - UMS

P014355

DACT

78672

CB



# TPI Work Test Certificate



**TUBE INVESTMENTS OF INDIA LIMITED**  
**TUBE PRODUCTS OF INDIA - MODULE - 1**  
**POST BOX NO.4 & 18, M T H ROAD, AVADI, CHENNAI - 600054**



<b>Order No.</b> : BS8234 /16-JUN-17 <b>Description</b> : PRECISION STEEL TUBES - CDW <b>Specification</b> : ASTM A513/A513M-15 T5 C1026 <b>Condition</b> : SRA <b>Bundle No's</b> : 017011623,017011624,017011632,017011633  <b>Cust Part No</b> : <b>Bundle</b> : CUSTOMER SIZE /CONDITION /QUANTITY /GROSS WEIGHT /TAG MARKING / WO.NO. / SPEC & <b>Tagging</b> : GRADE /DESTINATION / BUNDLE NO /COUNTRY OF ORIGIN. <b>Tube Marking</b> : P.O.NO. /TPI-ED /SIZE /SPEC /CONDITION/ TAG MARKING/ HEAT NO. /MADE IN INDIA. <b>P. Uom</b> : Inches <b>Size</b> : 1.125" OD X 0.749" ID X 0.188" WT X 21'- 22' R/L	<b>TC No</b> : PAE/8C1770745 <b>Date</b> : 19-JUL-17  <b>Invoice No</b> : 3002020000018 <b>Invoice Date</b> : 17-JUL-17 <b>Job /Batch No</b> : RBCH1707060
--	---

Quantity In : 4802.953 Ft

## LADLE ANALYSIS :

Process	Heat No.	%C	%Mn	%P	%S	%Si	%Al	%Cr	%Ni	%Cu	%Nio
Min	C357969	.22	.6								
Max		.28	.9	.035	.035						
Obs		.259	.73	.012	.004	.1	.038				

## Full Section Longitudinal Tensile Test at Room Temp

Test	Heat No	Y.S	T.S	Elong.
Min	C357969	448	517	10
Max				
OBS		MPA	MPA	%
		504.98	594.1	29

Rock well	Roughness	
Hardness	OD	ID
80		
HRB		
94		-

## Dimensions in : Inches

Spec	OD	ID	WT	Len
Min	1.125	.744		252.008
Max	1.13	.749		264.016
OBS-Min	1.127	.746	0	261.969
OBS-Max	1.129	.747	0	262.913

## Technological Tests :

Test	Spec	Result
Crushing		-
Flaring		-
Flattening		-
Flanging		-
Rev. Flang.		-
Elong.Gaug.Len		

## Non-Destructive Tests :

Test	Spec	Result
Straightness	0.76/1000 MM MAX	0.30 / 1000
Eddy Current	100	100% TESTED OK
Visual		DEFECT FREE
Ultrasonic Test		-

This is to certify that the goods are supplied as per the purchase order and specification Requirements

for Tube Investments of India  
 Unit: Tube Products of India

Prepared by : N. Arumugam

Quality Shift Incharge Signature:

S. Es 27  
 Mathavan.M  
 Mgr-Quality-IBP-TP



Customer Name  
ACIER CAMPI INC.

Customer PO#  
69383

Invoice No  
71965

Shipper No  
67387

Heat Number  
014162

## Union Drawn Steel II LP

1350 Burlington Street East, P.O. Box 98  
Hamilton, Ontario, Canada L8N 3A2  
Phone: (905) 547-4480, Fax: (905) 544-3852  
1-800-263-9966

## CERTIFICATE OF ANALYSIS CERTIFICAT D'ANALYSE

DATE

CUSTOMER ORDER NO.  
NO. DE LA COMMANDE DU CLIENT

MON-53670

MILL ORDER NO.  
NO. DE LA MILL 251589-00

PRODUCT DESCRIPTION  
PRODUIT DESCRIPTION

BILL OF LADING  
BON DE CONNAISSANCE

L 97 FE21829343 YOUR ITEM # : CF2ST

2 RD 1144 20/22 FT

"CENTURY"

COLD FINISHED STEEL BARS CARBON

COLD DRAWN & STRESS RELIEF ANNEALED

STANDARD AISI TOLERANCES

C .40/.48 MN 1.35/1.65 P .040MAX S .24/.33

TRANSPORT BY TRUCK - PROTECT WITH TARP

CHEMICAL & MECHANICAL TEST REPORT REQUIRED

ASTM A311 CLASS B & A108

COUNTRY OF ORIGIN - CANADA

HOT ROLL SOURCE : HAMILTON SPECIALTY BAR

NAFTA CERTIFIED YES: X NO:

LADLE ANALYSIS/ANALYSE DE LA COUILLER A COULER

HEAT NUMBER 014162

C.	.430	MN.	1.480	P.	.019	S.	.267
SI.	.220	CU.	.200	NI.	.090	CR.	.140
CB.		V.	.000	MO.	.036	PB.	
B.		AL.	.000	SN.			

### MECHANICAL PROPERTIES/PROPRIÉTÉS MÉCANIQUES

HEAT NUMBER 014162

YIELD STRENGTH 128000 P.S.I. @ .2% OFFSET  
LIMIT D'ELASTICITE

TENSILE STRENGTH 130000 P.S.I.  
RESISTANCE A LA TRACTION

ELONGATION (2 INCHES)  
ALLONGEMENT 8.000 %

REDUCTION OF AREA  
STRICTION 25.000 %

HARDNESS  
DURETE 241 HB

☐ MAG  
TEST

☒ ROTO  
TEST

☐ ULTRA  
SONIC TEST

NO WELDING OR WELD REPAIR PERFORMED ON THIS MATERIAL.  
THIS MATERIAL WAS NOT EXPOSED TO MERCURY DURING  
PROCESSING OR WHILE IN OUR POSSESSION.

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HAS BEEN TESTED IN ACCORDANCE  
WITH SPECIFICATION, AND THAT THE RESULTS ARE CORRECT AS CONTAINED IN THE  
RECORDS OF THE COMPANY.

PAR LES PRÉSENTES NOUS CERTIFIONS QUE LA MATIÈRE DÉCRITE A ÉTÉ TESTÉE  
CONFORMÉMENT AUX SPÉCIFICATIONS ET QUE LES RÉSULTATS SONT CORRECTS, COMME  
INDIQUÉ DANS LES RECHERCHES DE LA COMPAGNIE

PERMAN

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M-1144-R2.000  
 DATE: MAR 19 2018

PO / BATCH NO.: 039300/5057863

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 20'  
 QUANTITY INSPECTED: 26'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.000  
 THICKNESS RECEIVED: 2.000  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Astm A311</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Heat # 014162</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____
DATE: <u>9-89</u> <u>MAR 19 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

## SPECIFICATION CONTROL DRAWING

REV.	DESCRIPTION	DATE	BY	APPROVED
A	NEW ISSUE	17.08.09	VM	WM

2d 10.12

PURCHASE MATERIAL : AISI 1144 STRESSPROOF STEEL ROUND BAR  
SPECIFICATION: ASTM A311 Q UNS G11440  
PART NUMBER: MT-1144-R [D.DDD]  
WHERE "D.DDD" = DIAMETER IN INCHES  
EG. 5/8" ROUND BAR = MT-1144-R0.625

<b>DART</b> STEEL FABRICATORS Windsor, Ontario, Canada	
TITLE AISI 1144 STRESSPROOF STEEL ROUND BAR	
DWG NO.	REV
MT-1144-R	A
DESIGN BY: VM 8/9/2017	DATE: 8/9/2017
DRAWN BY: VM 08/31/2017	CHECKED: VM 08/31/2017
APPROVED: VM 09/05/2017	DATE: 8/31/2017
SCALE: NTS WEIGHT 0.0 LBS	
SHEET 1 OF 1	
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THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF DART FABRICATORS LTD.	

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 80.500X04.500 PO / BATCH NO.: 039300/5052862  
 DATE: MAR 19 2018

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500  
 THICKNESS RECEIVED: 0.500  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Ams QQA-200/8</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Heat # 201606588</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 MAR 19 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B221 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WW.WWW |  
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES  
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED  
2009-03-03  
MAD

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (Zn D7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6B			
SHEET 1 OF 1			
REV B			
TITLE 6061-T6 BAR			
SCALE NTS			
DATE 09.07.13			
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